GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3190
ANSWERED ON:16.03.2016
Earthquake Resistant Building
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether any research work has been started by various research laboratories/ institutions for development of earthquake resistant buildings;
(b) if so, the details of the institutions involved in the said work; and
(c) the steps being taken to popularise the research works/scientific studies for construction of earthquake resistant buildings?

Answer

(a) Yes, Madam.
(b) Three CSIR laboratories namely CSIR-Central Building Research Institute (CSIR-CBRI), Roorkee; CSIR-North East Institute of Science and Technology (CSIR-NEIST), Jorhat and CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai are pursuing research related to earthquake resistant buildings.
(c) CSIR labs have taken following steps for popularization of the developed technologies:
â€¢ organisation of awareness, Training and Demonstration programmes on 'Earthquake Resistant Design, Construction, Retrofitting of Buildings' for masons, practicing engineers and architects;
â€¢ development of documentary movies highlighting construction features, problems and their solutions in Indian context. The movies have been circulated to various stakeholders and uploaded on websites in public domain;
â€¢ contribution in development of Indian standards/guidelines, design procedures based on experimental evidences of Indian masonry and architecture for mass application;
â€¢ publication of research findings in International & National journals, participation in conferences, publication of brochures (in Hindi and English for general awareness) and dissemination of information through print and electronic media; and
â€¢ Presentation through pictorial charts focusing earthquake resistant design features in Exhibitions, Training Programmes etc.

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